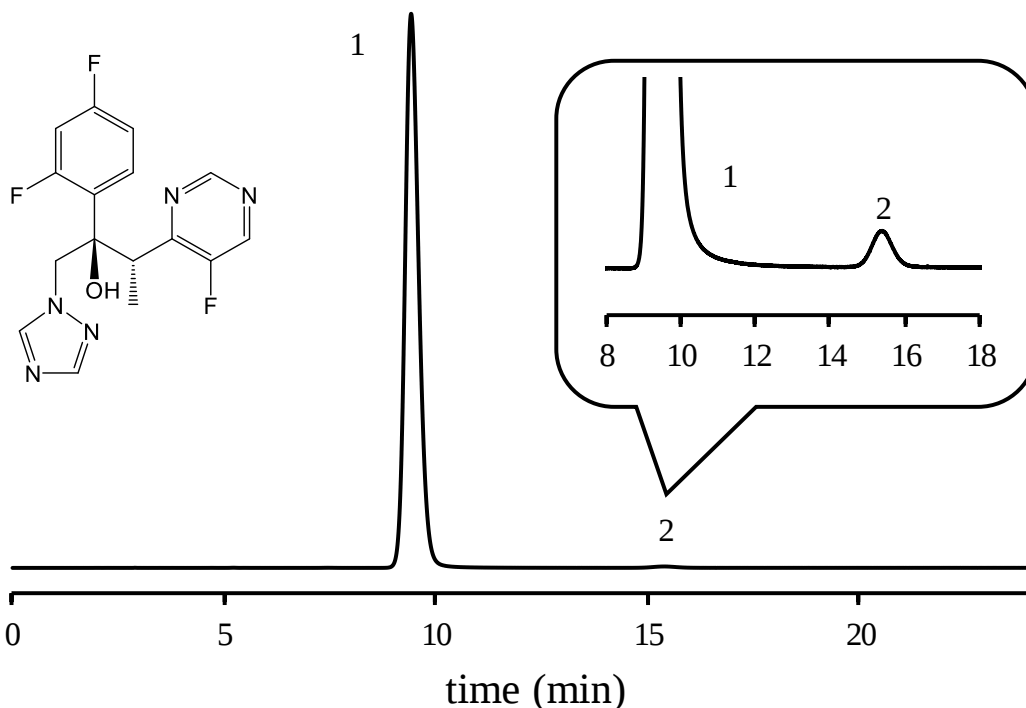


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Analysis of Voriconazole using the ULTRON ES-CD-2 ~conform to USP47~

System Suitability Requirements		ULTRON ES-CD-2
Relative retention times	about 1.0 and 1.4	about 1.0 and 1.6
Resolution	≥ 4.0	7.9
Tailing factor	≤ 2.0	1.00



Column:	ULTRON ES-CD-2 (5 μ m)	Detection:	UV-256 nm
Column size:	250 mmL x 4.6 mm I.D.	Sample:	1. Voriconazole (500 mg/L)
Mobile phase:	10 mM $\text{CH}_3\text{CO}_2\text{NH}_4$ (pH 5.0)/ CH_3CN = 82/18		2. Voriconazole Related Compound B (2.5 mg/L)
Flow rate:	1.0 mL/min	Diluent:	mobile phase
Column temp.:	30°C	Injection vol.:	20 μ L

● Features of the ULTRON ES-CD-2

1. ULTRON ES-CD-2 is an up-upgraded version of ULTRON ES-CD with good scalability (5 μ m and 3 μ m).
2. Capable of chiral separations of hydrophobic cyclic compounds.
3. Both reverse and normal phase eluents can be used.
4. Corresponded to L45.
5. Excellent stability and durability.



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■ Analytical column specifications ■

ULTRON ES-CD / ES-CD-2 / ES-CD-EP / ES-CD-B / ES-CD-F / ES-PhCD / ES-PhCD-T

Product name	Particle size (μm)	Column dimensions Length x I.D. (mm)
ULTRON ES-CD-2	3	150×2.0
		250×2.0
		150×4.6
		250×4.6
		150×4.6
		5×2.0
ULTRON ES-CD-EP		10×4.6
ULTRON ES-CD-2 (Two Guard Cartridges)		
ULTRON ES-CD	5	150×2.0
		150×4.6
		150×6.0
		250×4.6
ULTRON ES-CD-2		150×2.0
		250×2.0
		150×4.6
		250×4.6
ULTRON ES-CD-B		150×6.0
ULTRON ES-CD-F		250×4.6
ULTRON ES-CD.G		10×4.0
ULTRON ES-PhCD		150×2.0
		150×4.6
ULTRON ES-PhCD-T		150×6.0
ULTRON ES-PhCD		250×4.6
ULTRON ES-PhCD.G		10×4.0
ULTRON ES-CD (Two Guard Cartridges)		5×2.0
		10×4.6
ULTRON ES-CD-2 (Two Guard Cartridges)		5×2.0
		10×4.6
ULTRON ES-PhCD (Two Guard Cartridges)		5×2.0
		10×4.6
Holder for Guard Cartridge (with Coupler)	-	For 5×2.0 mm column
		For 10×4.6 mm column

※ Please do not hesitate to contact us for the other dimensions.
Please feel free to contact us with questions related to analyses.
Column screening services are also available.



Please be aware that specifications and prices are subject to change without prior notification.